81. A resource management system, comprising:

a deficiency database including information regarding deficiencies of resources;

a resource database including information about resources used in an enterprise; and

a processor coupled to the deficiency database and resource database and arranged to provide information regarding a characteristic of a resource based on one or more deficiencies related to at least one resource used in the enterprise, the provided information usable for resource management.

82. A resource management system as in claim 81, wherein said deficiency database includes information on deficiencies of a resource relating to at least one of resource attributes, characteristics, performance, life, cost, efficiency, failure modes, compatibility, life cycle cost, quality of construction and mean time between failure, for at least one of the resource itself and differences between the resource and a given resource, a best-in-class resource and an enterprise objective.

83. A resource management system as in claim 81, wherein said deficiency database includes information regarding deficiencies relating to interactions among resources.

84. A resource management system as in claim 81, wherein said deficiency database includes information regarding deficiencies of at least one of operating

resources, manufacturing resources and human resources.

85. A resource management system as in claim 81, further comprising:

an access unit coupled to said processor and arranged to enable a user to access information on a deficiency related to a selected resource used in the enterprise.

86. A resource management system as in claim 81 or 85, further comprising:

a storage unit coupled to said processor and arranged to store the deficiency database and the resource database.

87. A resource management system as in claim 81 or 85, further comprising:

an entry unit arranged to enable additional information to be added to at least one of the deficiency database and resource database.

88. A resource management system as in claim 81 or 84, wherein said deficiency database includes information on cost impacts of deficiencies.

89. A resource management system, comprising:

a deficiency database including information regarding deficiencies of resources;

a resource database including information about resources used in an enterprise;

a processor coupled to the deficiency database and resource database and

suitable programming.

129. A resource management system as in claim 120 or 127, further comprising:

a resource combination analyzer coupled to the deficiency database and resource database and responsive to identification of an enterprise objective to determine a preferred combination of resources to meet the enterprise objective, said resource combination analyzer comprising the processor with suitable programming.

130. A resource management system as in claim 120, further comprising:

a resource combination evaluator coupled to the deficiency database and resource database and responsive to identification of a combination of resources to indicate deficiencies relating to the combination of resources, said resource combination evaluator comprising the processor with suitable programming.

131. A resource management system as in claim 120 or 130, further comprising:

a compatibility analyzer coupled to the deficiency database and resource database and responsive to characteristic of a first resource to determine a modification which, when made, enables the first resource to be compatible with a second resource, said compatibility analyzer comprising the processor with suitable programming.

132. A process, comprising the steps of:

providing a deficiency database including information regarding deficiencies of resources;

providing a resource database including information about resources used in an enterprise; and

deriving, with access to the deficiency database and resource database, information regarding a characteristic of a resource based on one or more deficiencies related to at least one resource used in the enterprise, the derived information usable for resource management.

133. A process as in claim 132, wherein the first step comprises:

providing a deficiency database including information on deficiencies of a resource relating to at least one of resource attributes, characteristics, performance, life, cost, efficiency, failure modes, compatibility, life cycle cost, quality of construction and mean time between failure, for at least one of the resource itself and differences between the resource and a given resource, a best-in-class resource and an enterprise objective.

134. A process as in claim 132, wherein the first step comprises:

providing a deficiency database including information regarding deficiencies relating to interactions among resources.

135. A process as in claim 132, wherein the first step comprises:

providing a deficiency database including information regarding deficiencies of at least one of operating resources, manufacturing resources and human

resources.

136. A process as in claim 132, wherein the first step comprises:

providing a deficiency database including information on cost impacts of deficiencies.

137. A process as in claim 132 or 133, wherein the third step comprises:

deriving, in response to a value for the estimated life of a resource and to information regarding a deficiency of the resource, a determination regarding effects of use of the resource relative to an operating objective of the enterprise.

138. A process as in any one of claims 132, 133 and 134, wherein the third step comprises:

deriving, with access to the deficiency database and responsive to a deficiency related to a resource, an estimate of the life of the resource.

139. A process as in any one of claims 132, 133 and 134, wherein the third step comprises:

deriving, with access to the deficiency database and responsive to a deficiency related to a resource, information on a failure mode associated with the resource.

140. A process as in any one of claims 132, 133 and 134, wherein the third step

comprises:

deriving, with access to the deficiency database and responsive to an indication of a failure mode of a resource, information on at least one deficiency related to the indicated failure mode of the resource.

141. A process as in any one of claims 132, 133, 134 and 136, wherein the third step comprises:

deriving, with access to the deficiency database and responsive to a deficiency related to a resource, a life cycle cost estimate regarding the resource and said deficiency.

142. A process as in any one of claims 132, 133 and 134, wherein the third step comprises:

deriving, with access to the deficiency database and resource database and responsive to identification of an enterprise objective, an indication of a preferred combination of resources to meet the enterprise objective.

143. A process as in any one of claims 132, 133 and 134, wherein the third step comprises:

deriving, with access to the deficiency database and resource database and responsive to identification of a combination of resources, an indication of deficiencies relating to the combination of resources.

144. A process as in any one of claims 132, 133 and 134, wherein the third step comprises:

deriving, with access to the deficiency database and resource database and responsive to characteristic of a first resource, information on a modification which, when made, enables the first resource to be compatible with a second resource.

145. A process as in any one of claims 132, 133 and 134, wherein the third step comprises:

deriving, with access to the deficiency database and responsive to information on a failure of a resource, information on possible causes of failure of the resource.

146. A process, comprising the steps of:

providing a deficiency database including information regarding deficiencies of resources and deficiencies relating to interactions among resources;

providing a resource database including information about at least one of resources used in an enterprise and other resources; and

deriving, with access to the deficiency database and resource database and responsive to identification of resources, information regarding deficiencies related to interactions among resources, the derived information usable for resource management.

147. A process as in claim 146, wherein the first step comprises:

providing a deficiency database including information regarding

arranged to provide information regarding a characteristic of a resource based on one or more deficiencies related to at least one resource used in the enterprise, the provided information usable for resource management; and

an efficiency analyzer, responsive to a value for the estimated life of a resource and to information regarding a deficiency of the resource, to provide a determination regarding effects of use of the resource relative to an operating objective of the enterprise, said efficiency analyzer comprising the processor with suitable programming.

Cont.

90. A resource management system as in claim 89, wherein said deficiency database includes information on deficiencies of a resource relating to at least one of resource attributes, characteristics, performance, life, cost efficiency, failure modes, compatibility, life cycle cost, quality of construction and mean time between failure, for at least one of the resource itself and differences between the resource and a given resource, a best-in-class resource and an enterprise objective.

91. A resource management system, comprising:

a deficiency database including information regarding deficiencies of resources;

a resource database including information about resources used in an enterprise;

a processor coupled to the deficiency database and resource database and arranged to provide information regarding a characteristic of a resource based on one or

more deficiencies related to at least one resource used in the enterprise, the provided information usable for resource management; and

an enterprise performance database including information regarding entities of the enterprise and predictions, decisions and actions of such entities; and

an accountability assignor coupled to the enterprise performance database and responsive to an indication of a deficiency to identify an entity responsible for a prediction, decision or action resulted in the deficiency, said accountability assignor comprising the processor with suitable programming.

Cont.

92. A resource management system as in claim 91, wherein said deficiency database includes information regarding deficiencies relating to interactions among resources.

93. A resource management system, comprising:

a deficiency database including information regarding deficiencies of resources and information on resource life related to at least one said deficiency;

a resource database including information about resources used in an enterprise;

a processor coupled to the deficiency database and resource database and arranged to provide information regarding a characteristic of a resource based on one or more deficiencies related to at least one resource used in the enterprise, the provided information usable for resource management; and

a resource life estimator, coupled to the deficiency database and

responsive to a deficiency related to a resource, to provide an estimate of the life of the resource, said resource life estimator comprising the processor with suitable programming.

94. A resource management system as in claim 93, wherein said deficiency database includes information regarding deficiencies relating to interactions among resources.

95. A resource management system, comprising:

a deficiency database including information regarding deficiencies of resources and including for a resource information on at least one failure mode associated with at least one deficiency related to a resource;

a resource database including information about resources used in an enterprise;

a processor coupled to the deficiency database and resource database and arranged to provide information regarding a characteristic of a resource based on one or more deficiencies related to at least one resource used in the enterprise, the provided information usable for resource management; and

a failure mode predictor, coupled to the deficiency database and responsive to a deficiency related to a resource, to identify a failure mode associated with the resource, said failure mode predictor comprising the processor with suitable programming.

96. A resource management system as in claim 95, wherein said deficiency database includes, for a resource, display information relating to a failure mode corresponding to a failure of the resource, the system further comprising:

means for prompting a user, by use of said display information, to identify a failure mode by comparison of said display information to the failure of the resource.

97. A resource management system as in claim 95, further comprising:

a deficiency identifier, coupled to the deficiency database and responsive to an indication of a failure mode of a resource, to identify at least one deficiency related to the indicated failure mode of the resource, said deficiency identifier comprising the processor with suitable programming.

98. A resource management system as in claim 97, wherein said deficiency database includes for a resource information on at least one corrective action associated with a failure mode, and the deficiency analyzer is responsive to an indication of a failure mode of a resource to identify at least one corrective action related to the failure mode.

99. A resource management system, comprising:

a deficiency database including information regarding deficiencies of resources and life cycle cost information;

a resource database including information about resources used in an enterprise;

a processor coupled to the deficiency database and resource database and

arranged to provide information regarding a characteristic of a resource based on one or more deficiencies related to at least one resource used in the enterprise, the provided information usable for resource management; and

a life cycle cost analyzer, coupled to the deficiency database and responsive to a deficiency related to a resource, to provide a life cycle cost estimate regarding the resource and said deficiency, said life cycle cost analyzer comprising the processor with suitable programming.

100. A resource management system as in claim 99, wherein said deficiency database includes information regarding deficiencies relating to interactions among resources.

101. A resource management system, comprising:

a deficiency database including information regarding deficiencies of resources;

a resource database including information about resources used in an enterprise;

a processor coupled to the deficiency database and resource database and arranged to provide information regarding a characteristic of a resource based on one or more deficiencies related to at least one resource used in the enterprise, the provided information usable for resource management;

a competitive price database including competitive pricing information about resources; and

a pricing analyzer coupled to the competitive price database and responsive to information regarding a desired resource to provide and indication of a price for the desired resource, said pricing analyzer comprising the processor with suitable programming.

102. A resource management system, comprising:

a deficiency database including information regarding deficiencies of resources;

a resource database including information about resources used in an enterprise;

a processor coupled to the deficiency database and resource database and arranged to provide information regarding a characteristic of a resource based on one or more deficiencies related to at least one resource used in the enterprise, the provided information usable for resource management; and

a resource combination analyzer coupled to the deficiency database and resource database and responsive to identification of an enterprise objective to determine a preferred combination of resources to meet the enterprise objective, said resource combination analyzer comprising the processor with suitable programming.

103. A resource management system as in claim 102, wherein said deficiency database includes information on deficiencies of a resource relating to at least one of resource attributes, characteristics, performance, life, cost, efficiency, failure modes, compatibility, life cycle cost, quality of construction and mean time between failure, for

at least one of the resource itself and differences between the resource and a given resource, a best-in-class resource and an enterprise objective.

104. A resource management system as in claim 102, wherein said deficiency database includes information regarding deficiencies relating to interactions among resources.

105. A resource management system, comprising:

a deficiency database including information regarding deficiencies of resources;

a resource database including information about resources used in an enterprise;

a processor coupled to the deficiency database and resource database and arranged to provide information regarding a characteristic of a resource based on one or more deficiencies related to at least one resource used in the enterprise, the provided information usable for resource management; and

a resource combination evaluator coupled to the deficiency database and resource database and responsive to identification of a combination of resources to indicate deficiencies relating to the combination of resources, said resource combination evaluator comprising the processor with suitable programming.

106. A resource management system as in claim 105, wherein said deficiency database includes information regarding deficiencies relating to interactions among

resources.

107. A resource management system, comprising:

a deficiency database including information regarding deficiencies of resources;

a resource database including information about resources used in an enterprise;

a processor coupled to the deficiency database and resource database and arranged to provide information regarding a characteristic of a resource based on one or more deficiencies related to at least one resource used in the enterprise, the provided information usable for resource management;

a resource specification database including information regarding manufactured resource; and

a resource specifier coupled to the resource specification database and responsive to identification of a desired resource to provide a specification for the desired resource, said resource specifier comprising the processor with suitable programming.

108. A resource management system, comprising:

a deficiency database including information regarding deficiencies of resources and at least one corrective action associated with a deficiency of a resource;

a resource database including information about resources used in an enterprise;

a processor coupled to the deficiency database and resource database and

arranged to provide information regarding a characteristic of a resource based on one or more deficiencies related to at least one resource used in the enterprise, the provided information usable for resource management; and

means to access at least one corrective action associated with a deficiency of a resource, said means comprising the processor with suitable programming.

109. A resource management system, comprising:

a deficiency database including information regarding deficiencies of resources;

a resource database including information about resources used in an enterprise;

a processor coupled to the deficiency database and resource database and arranged to provide information regarding a characteristic of a resource based on one or more deficiencies related to at least one resource used in the enterprise, the provided information usable for resource management; and

a compatibility analyzer coupled to the deficiency database and resource database and responsive to characteristic of a first resource to determine a modification, which when made, enables the first resource to be compatible with a second resource, said compatibility analyzer comprising the processor with suitable programming.

110. A resource management system as in claim 109, wherein said deficiency database includes information regarding deficiencies relating to interactions among resources.

111. A resource management system, comprising:

a deficiency database including information regarding deficiencies of resources, including human resources of the enterprise;

a resource database including information about resources used in an enterprise and skill levels required for tasks within the enterprise;

a processor coupled to the deficiency database and resource database and arranged to provide information regarding a characteristic of a resource based on one or more deficiencies related to at least one resource used in the enterprise, the provided information usable for resource management; and

a compatibility analyzer coupled to the deficiency database and resource database and arranged to indicate deficiencies in the association of a human resource with a resource of the enterprise, said compatibility analyzer comprising the processor with suitable programming.

112. A resource management system as in claim 111, wherein said deficiency database includes information regarding deficiencies of at least one of operating resources, manufacturing resources and human resources.

113. A resource management system, comprising:

a deficiency database including information regarding deficiencies of resources and deficiencies relating to interactions among resources;

a resource database including information about resources used in an

enterprise;

a processor coupled to the deficiency database and resource database and arranged to provide information regarding a characteristic of a resource based on one or more deficiencies related to at least one resource used in the enterprise, the provided information usable for resource management; and

a deficiency analyzer, coupled to the deficiency database and responsive to identification of a combination of resources, to identify deficiencies related to interactions among resources of the combination.

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114. A resource management system as in claim 113, wherein said deficiency database includes information on deficiencies of a resource relating to at least one of resource attributes, characteristics, performance, life, cost, efficiency, failure modes, compatibility, life cycle cost, quality of construction and mean time between failure, for at least one of the resource itself and differences between the resource and a given resource, a best-in-class resource and an enterprise objective.

115. A resource management system, comprising:

a deficiency database including information regarding deficiencies of resources;

a resource database including information about resources used in an enterprise;

a processor coupled to the deficiency database and resource database and arranged to provide information regarding a characteristic of a resource based on one or

more deficiencies related to at least one resource used in the enterprise, the provided information usable for resource management; and

a failure analyzer coupled to the deficiency database and responsive to information on a failure of a resource to identify possible causes of failure of the resource, said failure analyzer comprising the processor with suitable programming.

116. A resource management system as in claim 115, wherein the failure analyzer is arranged to indicate a corrective action.

117. A resource management system as in claim 115, wherein the failure analyzer is arranged to determine a specification for a product for replacement to the resource subject to the failure.

118. A resource management system as in claim 117, wherein the failure analyzer is arranged to provide installation instructions for said product.

119. A resource management system as in claim 115, wherein said deficiency database includes information regarding deficiencies relating to interactions among resources.

120. A resource management system, comprising:

a deficiency database including information regarding deficiencies of resources and deficiencies relating to interactions among resources;

a resource database including information about at least one of resources used in an enterprise and other resources; and

a processor coupled to the deficiency database and resource database and responsive to identification of resources to provide information regarding deficiencies related to interactions among resources, the provided information usable for resource management.

121. A resource management system as in claim 120, wherein said deficiency database includes information regarding deficiencies of at least one of operating resources, manufacturing resources and human resources.

122. A resource management system as in claim 120, further comprising:

an access unit coupled to said processor and arranged to enable a user to access information on deficiencies related to interactions among resources.

123. A resource management system as in claim 120, further comprising:

an access unit coupled to said processor and arranged to enable a user to identify a combination of resources and access information related to interactions among the identified resources.

124. A resource management system as in claim 120 or 123, further comprising:

a storage unit coupled to said processor and arranged to store the

deficiency database and the resource database.

125. A resource management system as in claim 120 or 123, further comprising:

an entry unit arranged to enable additional information to be added to at least one of the deficiency database and resource database.

126. A resource management system as in claim 120 or 121, wherein said deficiency database includes information on cost impacts of deficiencies.

127. A resource management system as in claim 120, wherein the deficiency database includes information on at least one failure mode associated with at least one deficiency related to an interaction among resources, the system further comprising:

a failure mode predictor, coupled to the deficiency database and responsive to a deficiency related to an interaction among resources, to identify a failure mode associated with said interaction, said failure mode predictor comprising the processor with suitable programming.

128. A resource management system as in claim 120 or 127, further comprising:

a deficiency identifier, coupled to the deficiency database and responsive to identification of a combination of resources, to identify deficiencies related to the combination of resources, said deficiency identifier comprising the processor with

deficiencies of at least one of operating resources, manufacturing resources and human resources.

148. A process as in claim 146, wherein the first step comprises:

providing a deficiency database including information on cost impacts of deficiencies.

149. A process as in claim 146, wherein the first step comprises:

providing a deficiency database including information on at least one failure mode associated with at least one deficiency related to an interaction among resources.

150. A process as in claim 149, wherein the third step comprises:

deriving, with access to the deficiency database and responsive to a deficiency related to an interaction among resources, an indication of a failure mode associated with said interaction.

151. A process as in any one of claims 146, 147 and 149, wherein the third step comprises:

deriving, with access to the deficiency database and responsive to identification of a combination of resources, an indication of deficiencies related to the combination of resources.

152. A process as in any one of claims 146, 147, 148 and 149, wherein the third step comprises:

deriving, with access to the deficiency database and resource database and responsive to identification of an enterprise objective, an indication of a preferred combination of resources to meet the enterprise objective.

153. A process as in any one of claims 146, 147 and 148, wherein the third step comprises:

deriving, with access to the deficiency database and resource database and responsive to identification of a combination of resources, an indication of deficiencies relating to the combination of resources.

154. A process as in any one of claims 146, 147, 148 and 149, wherein the third step comprises:

deriving, with access to the deficiency database and resource database and responsive to characteristic of a first resource, information on a modification, which when made, enables the first resource to be compatible with a second resource.